



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)  
BOARD AND CODE ADMINISTRATION DIVISION

## NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208  
T (786) 315-2590 F (786) 315-2599

[www.miamidade.gov/economy](http://www.miamidade.gov/economy)

**Continental Glass Systems, Inc.**

**325 West 74 Place**

**Hialeah, FL 33014**

### SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

### DESCRIPTION: Series "5500" Aluminum Fixed Window – L.M.I.

**APPROVAL DOCUMENT:** Drawing No. CGS006, titled "Series 5500 Alum. Fixed Window", sheets 1 through 6 of 6, dated 03/09/10, with revision B dated 07/25/12, prepared by Building Drops, Inc., signed and sealed by Hermes F. Norero, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

### MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA# 09-1202.08 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**



*MP*  
7/10/30/12

NOA No. 12-0824.05  
Expiration Date: April 07, 2015  
Approval Date: November 08, 2012  
Page 1

**Continental Glass Systems, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No **CGS006**, titled "Series 5500 Alum. Fixed Window", sheets 1 through 6 of 6, dated 03/09/10, with revision B dated 07/25/12, prepared by Building Drops, Inc., signed and sealed by Hermes F. Norero, P. E.

**B. TESTS**

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Large Missile Impact Test per FBC, TAS 201-94  
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with marked-up drawings and installation diagram of picture windows, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL 5976**, dated 08/15/09, signed and sealed by Julio E. Gonzalez, P.E.  
*(Submitted under previous NOA# 09-1202.08)*

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with FBC-2010, dated 07/26/12, prepared by Building Drops, Inc., signed, sealed by Hermes F. Norero, P.E.
2. Glazing complies with ASTM E1300-04

**D. QUALITY ASSURANCE**

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **11-1102.09** issued to **Solutia, Inc.** for their "**Saflex CP – Saflex and Saflex HP Composites Glass Interlayers with PET Core**" dated 06/14/12, expiring on 12/11/13.

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 12-0824.05

Expiration Date: April 07, 2015  
Approval Date: November 08, 2012

**Continental Glass Systems, Inc.**


**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**F. STATEMENTS**

1. Statement letter of conformance, complying with FBC-2010, and of no financial interest, dated August 21, 2012, prepared by Building Drops, Inc., signed and sealed by Hermes Norero, P.E.
2. Laboratory compliance letter for Test Report No. **FTL 5976**, issued by Fenestration Testing Laboratory, Inc., dated 08/26/09, signed and sealed by Julio E. Gonzalez, P.E. *(Submitted under previous NOA# 09-1202.08)*

**G. OTHER**

1. Notice of Acceptance No. **09-1202.08**, issued to Continental Glass Systems, Inc. for their Series "5500-Picture" Aluminum Fixed Window – L.M.I., approved on 04/07/10 and expiring on 04/07/15.

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 12-0824.05  
Expiration Date: April 07, 2015  
Approval Date: November 08, 2012

CONTINENTAL GLASS SYSTEMS

SERIES 5500 ALUMINUM FIXED WINDOW

(IMPACT)

INSTALLATION NOTES:

1. ONE (1) INSTALLATION ANCHORS ARE REQUIRED AT EACH ANCHOR LOCATION SHOWN.
2. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
3. INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1/2 INCH OF THE DEPICTED LOCATION IN THE ANCHOR LAYOUT DETAIL (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
4. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
5. FOR INSTALLATION INTO WOOD FRAMING USE #14 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE.
6. FOR INSTALLATION THROUGH STEEL STUD USE 1/4-20 GRADE 5 SELF-TAPPING SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM PENETRATION BEYOND STEEL FRAME SUBSTRATE.
7. FOR INSTALLATION THROUGH 1X BUCK TO CONCRETE/MASONRY, OR DIRECTLY INTO CONCRETE/MASONRY, USE 1/4 INCH DIAMETER ITW TAPCONS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/4 INCH MINIMUM EMBEDMENT.
8. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
9. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
10. ALL 1X AND 2X BUCKS IN CONTACT WITH MASONRY OR CONCRETE SUBSTRATES TO BE PROTECTED PER 2010 FBC, CHAPTER 2326.
11. FOR HOLLOW BLOCK AND GROUT FILLED BLOCK, DO NOT INSTALL INSTALLATION ANCHORS INTO MORTAR JOINTS. EDGE DISTANCE IS MEASURED FROM FREE EDGE OF BLOCK OR EDGE OF MORTAR JOINT INTO FACE SHELL OF BLOCK.
12. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BY THE ANCHOR MANUFACTURER.
13. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
- A. WOOD - MINIMUM SPECIFIC GRAVITY OF 0.55.
- B. CONCRETE -MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI.
- C. GROUT-FILLED CMU- UNIT STRENGTH CONFORMS TO ASTM C-90 WITH MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI AND GROUT CONFORMS TO ASTM C 476, MINIMUM GROUT COMPRESSIVE STRENGTH OF 2000 PSI.
- D. HOLLOW BLOCK CMU - UNIT STRENGTH CONFORMS TO ASTM C-90 WITH MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI.
- E. STEEL - MINIMUM YIELD STRENGTH OF 33 KSI. MINIMUM 20 GA. (0.0346") WALL THICKNESS.

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE 2010 FLORIDA BUILDING CODE (FBC), INCLUDING HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
- TAS 201-94
  - TAS 202-94
  - TAS 203-94
2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, STEEL, AND 2X FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
3. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
4. THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT IN NON-HVHZ AREAS. IN HVHZ AREAS, ONE TIME PRODUCT APPROVAL TO BE OBTAINED FROM MIAMI-DADE PERA.
5. APPROVED IMPACT PROTECTIVE SYSTEM **IS NOT REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
6. WINDOW FRAME MATERIAL: ALUMINUM 6063-T6
7. IN ACCORDANCE WITH THE 2010 FBC SEC. 2003.8.4 DISSIMILAR METALS INCLUDING FASTENERS THAT MAY COME INTO CONTACT WITH ALUMINUM UNIT FRAMING SHALL BE PROTECTED AS DEFINED IN SEC 2003.8.4.2.
8. GLASS MEETS THE REQUIREMENTS OF ASTM E 1300-04 GLASS CHARTS. SEE SHEET 6 FOR GLAZING DETAIL.

TABLE OF CONTENTS		
SHEET	REVISION	SHEET DESCRIPTION
1	B	INSTALLATION & GENERAL NOTES
2	B	ELEVATIONS
3	B	ANCHOR LAYOUTS
4	B	VERTICAL SECTIONS
5	B	HORIZONTAL SECTIONS
6	B	COMPONENTS, GLAZING DETAIL & BILL OF MATERIALS

DESIGN PRESSURE RATING		
SIZE	DESIGN PRESSURE	MISSILE IMPACT RATING
53" X 76" (SINGLE & MULTIPLE UNITS)	+75/-75 PSF	LARGE & SMALL MISSILE IMPACT RATED
53" X 26" (ARCH TOP)	+75/-100 PSF	



325 W. 74TH PLACE  
HIALEAH, FL 33014  
PH: (305) 231-1101 FX: (305) 231-1103

TITLE: SERIES 5500 ALUM.  
FIXED WINDOW  
INSTALLATION  
& GENERAL NOTES

PREPARED BY:  
BUILDING DROPS, INC.  
398 E. DANIA BEACH BLVD. #338  
DANIA BEACH, FL 33004  
PH: 954.399.8478 FX: 954.744.4738

REVISIONS

NO.	DESCRIPTION	BY	DATE
A	GENERAL COMMENTS	KMH	03.09.10
B	FBC 2010 CODE CHANGE	JLA	07.25.12

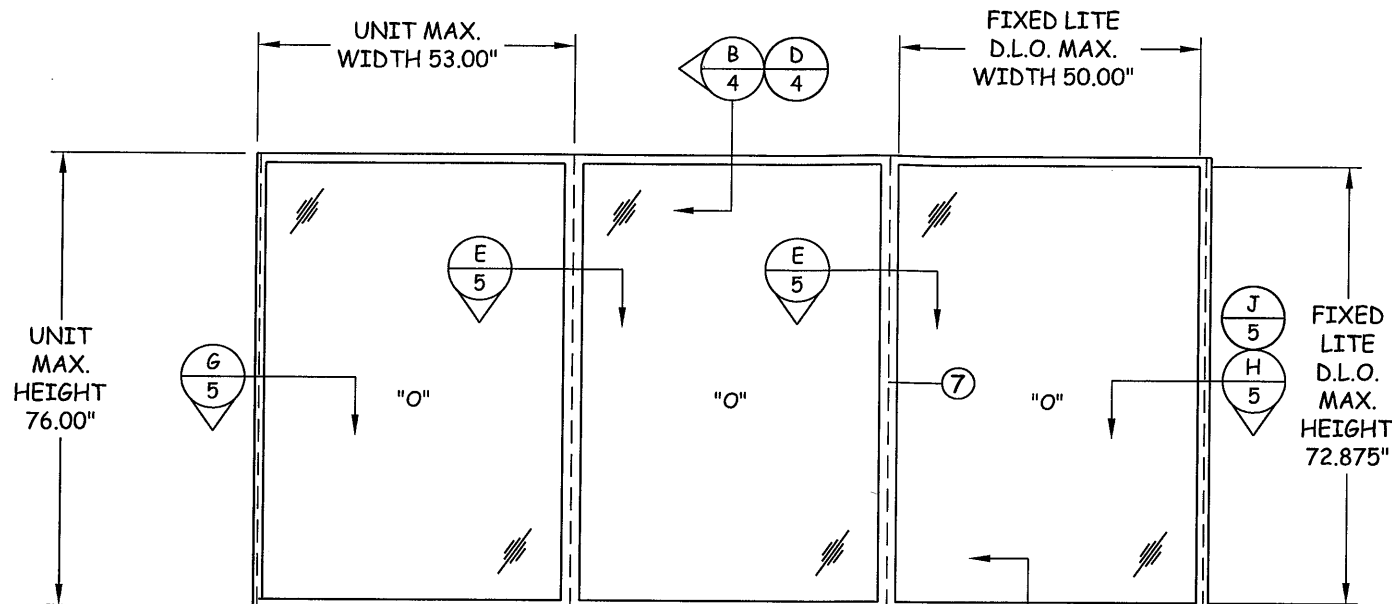
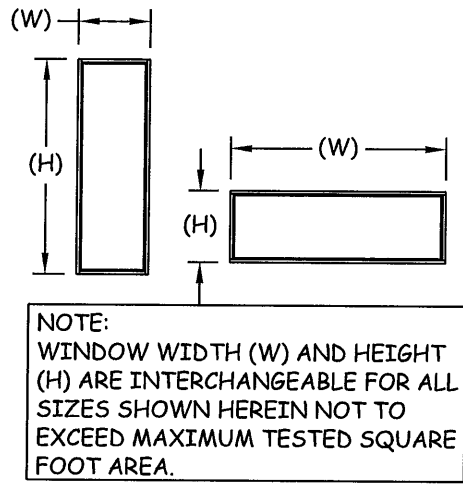
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HERMES F. NOBREGO, P.E.  
FLORIDA P. E. NO. 73378  
398 EAST DANIA BEACH BLVD. #338  
DANIA BEACH, FL 33004  
FBPE CERT. OF AUTHORIZATION NO. 235378

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 12-0824.05  
Expiration Date April 7, 2015  
By Manuel Perez  
Miami Dade Product Control

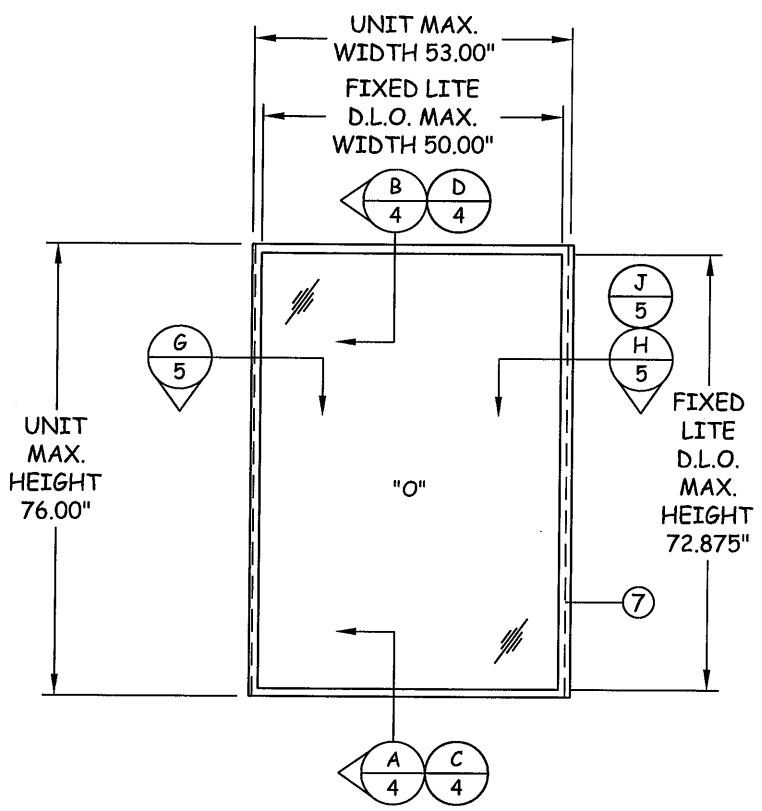
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CHK BY: HFN  
SCALE: NTS  
DWG #: CGS006  
SHEET: 1 OF 6

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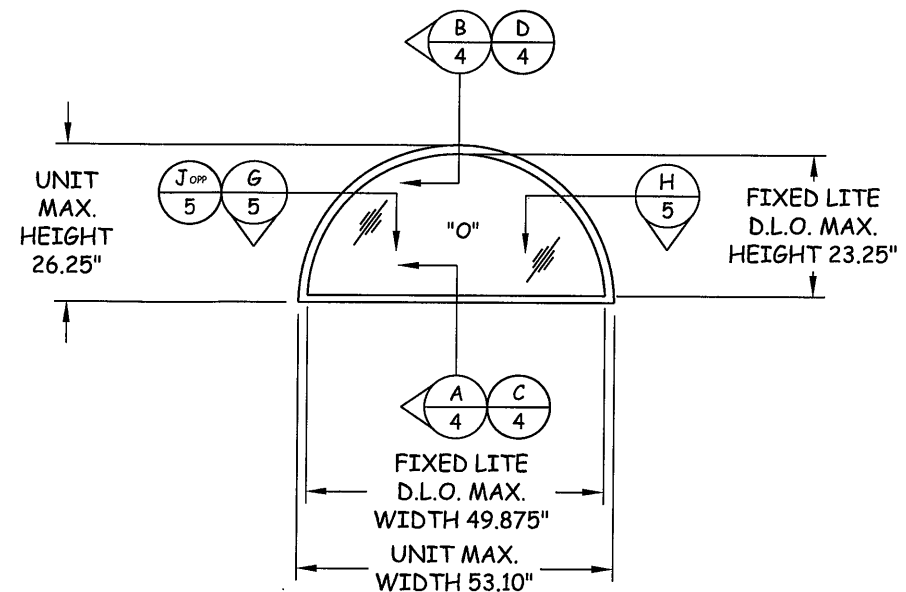
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**ELEVATION**  
MULTIPLE UNITS  
+75/-75 PSF



**ELEVATION**  
SINGLE UNIT  
+75/-75 PSF



**ELEVATION**  
ARCH UNIT  
+75/-100 PSF

**CONTINENTAL**  
Glass Systems  
325 W. 74TH PLACE  
HIALEAH, FL 33014  
PH: (305) 231-1101 FX: (305) 231-1103

TITLE: SERIES 5500 ALUM. FIXED WINDOW ELEVATIONS  
PREPARED BY: BUILDING DROPS, INC.  
398 E. DANIA BEACH BLVD. #338  
DANIA BEACH, FL 33004  
PH: 954.399.8478 FX: 954.744.4738

REVISIONS		DESCRIPTION	BY	DATE
NO.				
A		GENERAL COMMENTS	KMH	03.09.10
B		FBC 2010 CODE CHANGE	JLA	07.25.12

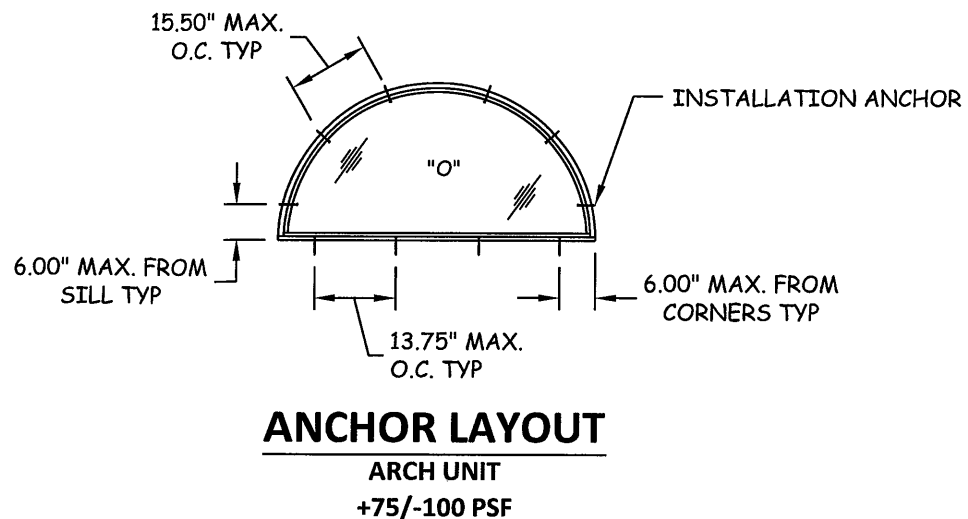
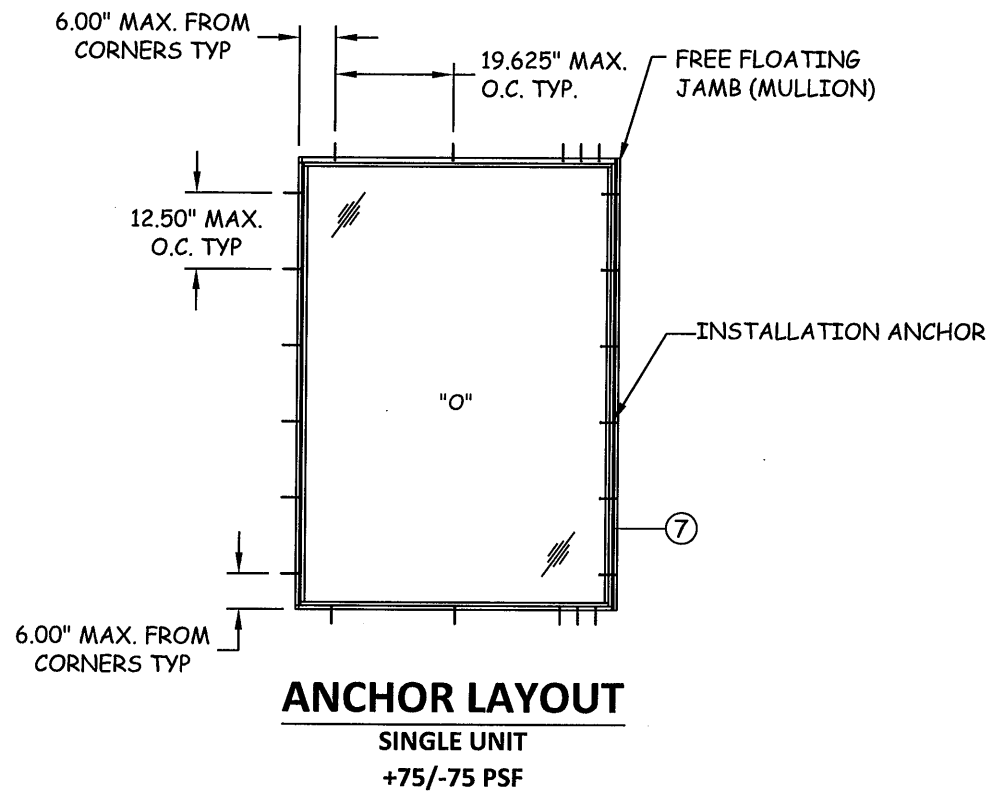
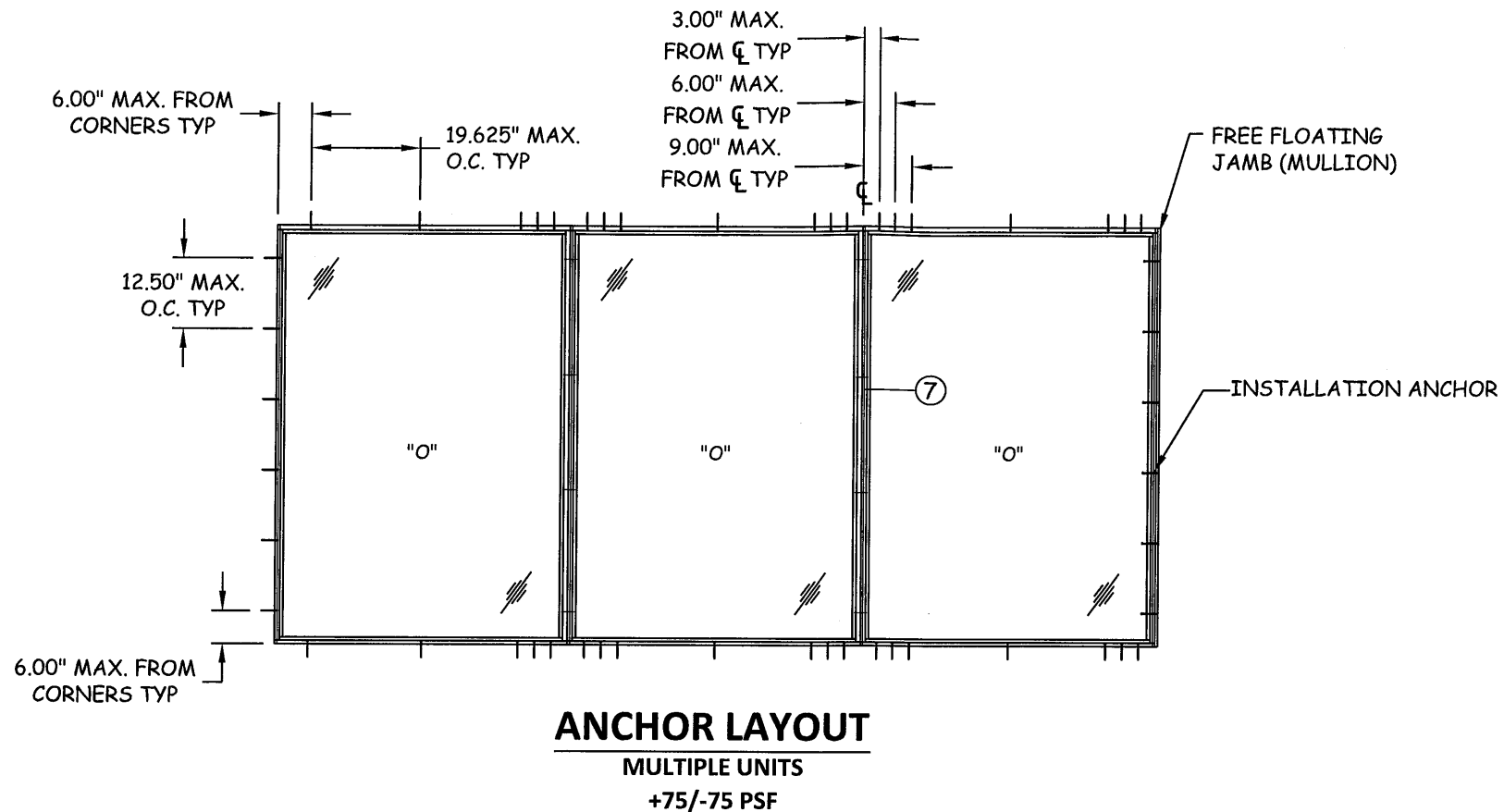
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HERMES F. NOBRE, P.E.  
FLORIDA P. E. NO. 73778  
398 EAST DANIA BEACH BLVD. #338  
DANIA BEACH, FL 33004  
FBPE CERT. OF AUTHORIZATION NO. 29578

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 12-0824.05  
Expiration Date April 1, 2015  
By *Mmanuel Sosa*  
Miami Dade Product Control

DATE: 07.25.12	DWN BY: JLA	CHK BY: HFN	SCALE: NTS
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SHEET: 2 OF 6			

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325 W. 74TH PLACE  
HIALEAH, FL 33014  
PH: (305) 231-1101 FX: (305) 231-1103

TITLE: SERIES 5500 ALUM.  
FIXED WINDOW  
ANCHOR LAYOUTS

PREPARED BY:  
BUILDING DROPS, INC.  
398 E. DANIA BEACH BLVD. #338  
DANIA BEACH, FL 33004  
PH: 954.399.8478 FX: 954.744.4738

## REVISIONS

NO.	DESCRIPTION	BY	DATE
A	GENERAL COMMENTS	KMH	03.09.10
B	FBC 2010 CODE CHANGE	JLA	07.25.12

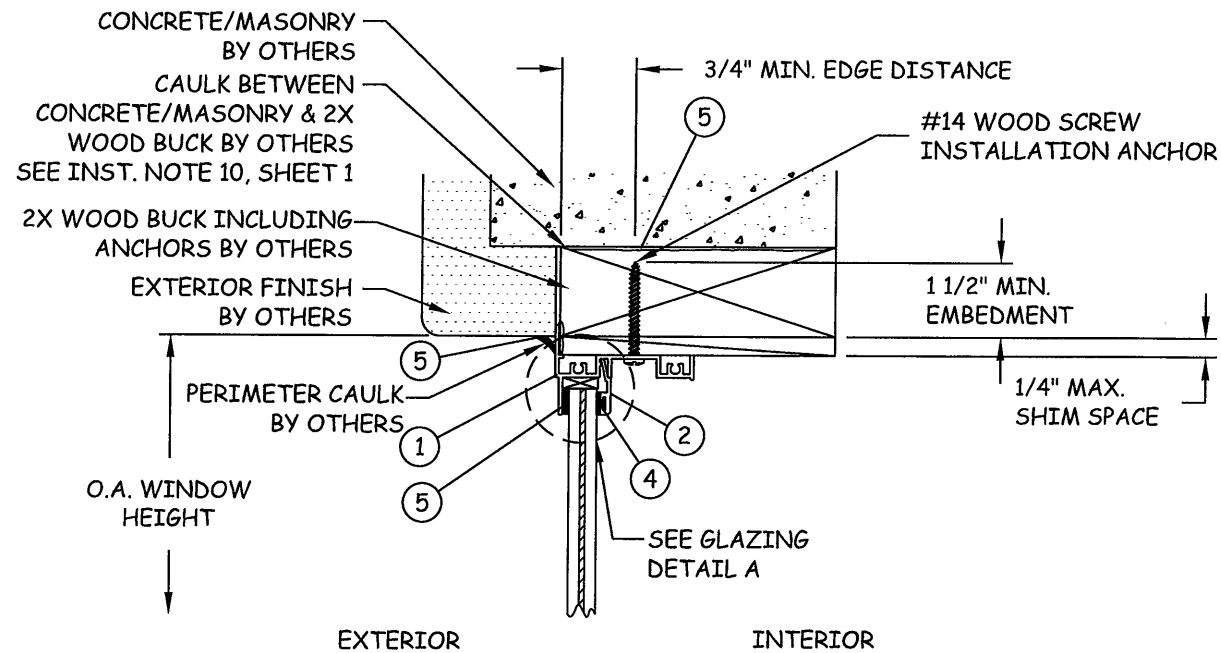
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HERNAN F. NOBREGA, P.E.  
FLORIDA P. E. NO. 73378  
398 EAST DANIA BEACH BLVD. #338  
DANIA BEACH, FL 33004  
FBPE CERT. OF AUTHORIZATION NO. 28578

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 12-0824-05  
Expiration Date April 7, 2015  
By *Manuel Diaz*  
Miami Dade Product Control

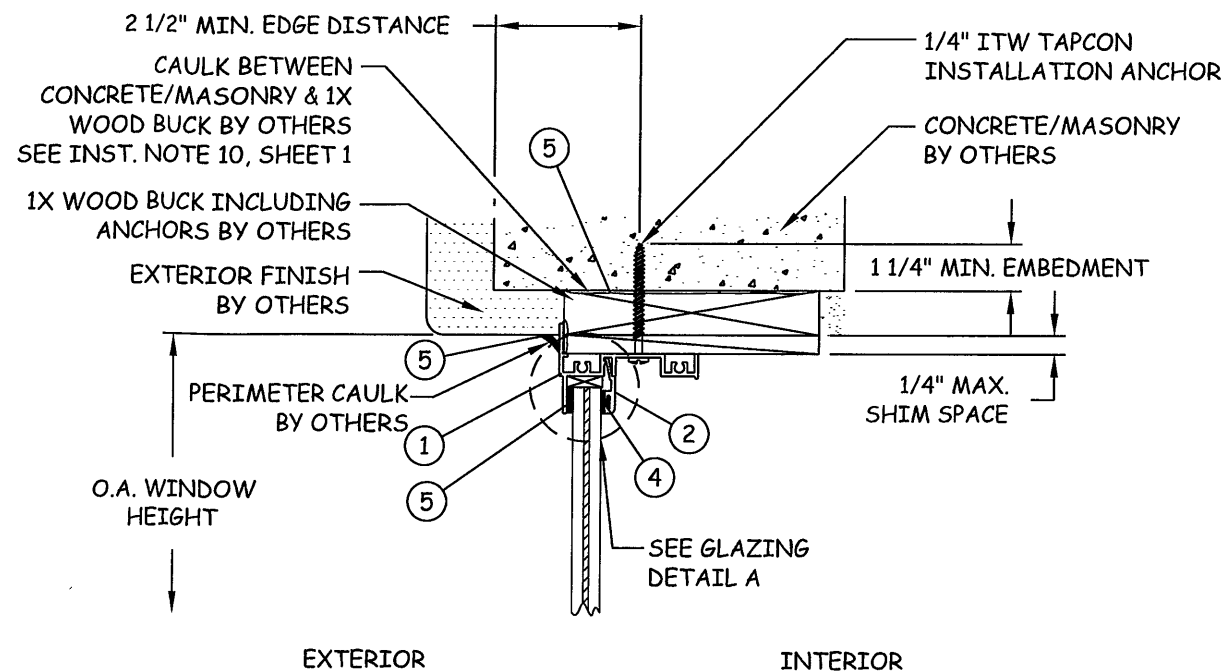
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SHEET: 3 OF 6

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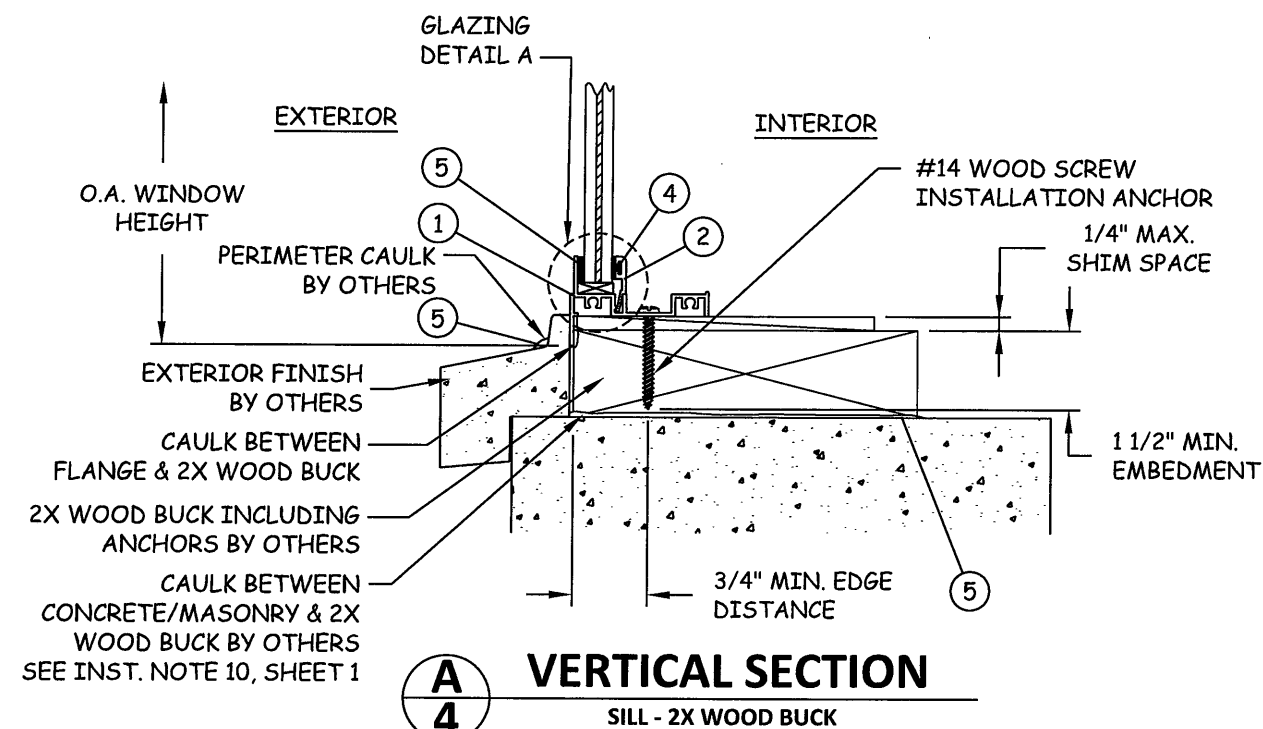
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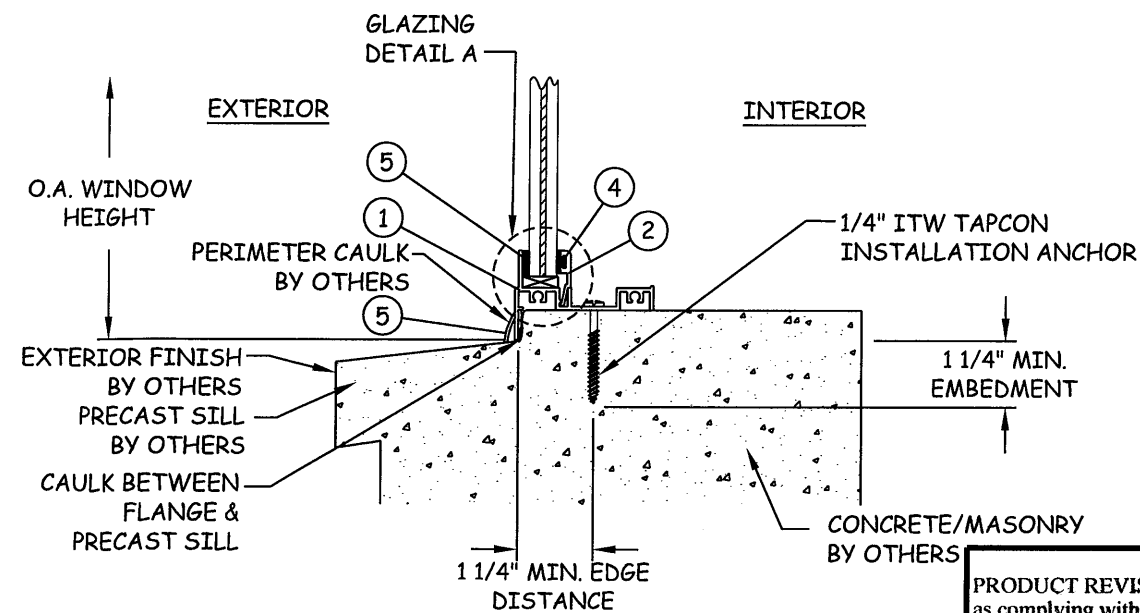
**B**  
**4** VERTICAL SECTION  
HEAD - 2X WOOD BUCK



**D**  
**4** VERTICAL SECTION  
HEAD - CONCRETE/MASONRY



**A**  
**4** VERTICAL SECTION  
SILL - 2X WOOD BUCK



**C**  
**4** VERTICAL SECTION  
SILL - CONCRETE/MASONRY

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 12-0824.05  
Expiration Date April 17, 2015  
By *Manuel Perez*  
Miami/Dade Product Control



325 W. 74TH PLACE  
HIALEAH, FL 33014  
PH: (305) 231-1101 FX: (305) 231-1103

TITLE: SERIES 5500 ALUM.  
FIXED WINDOW  
VERTICAL SECTIONS  
PREPARED BY: BUILDING DROPS, INC.  
398 E. DANIA BEACH BLVD. #338  
DANIA BEACH, FL 33004  
PH: 954.399.8478 FX: 954.744.4738

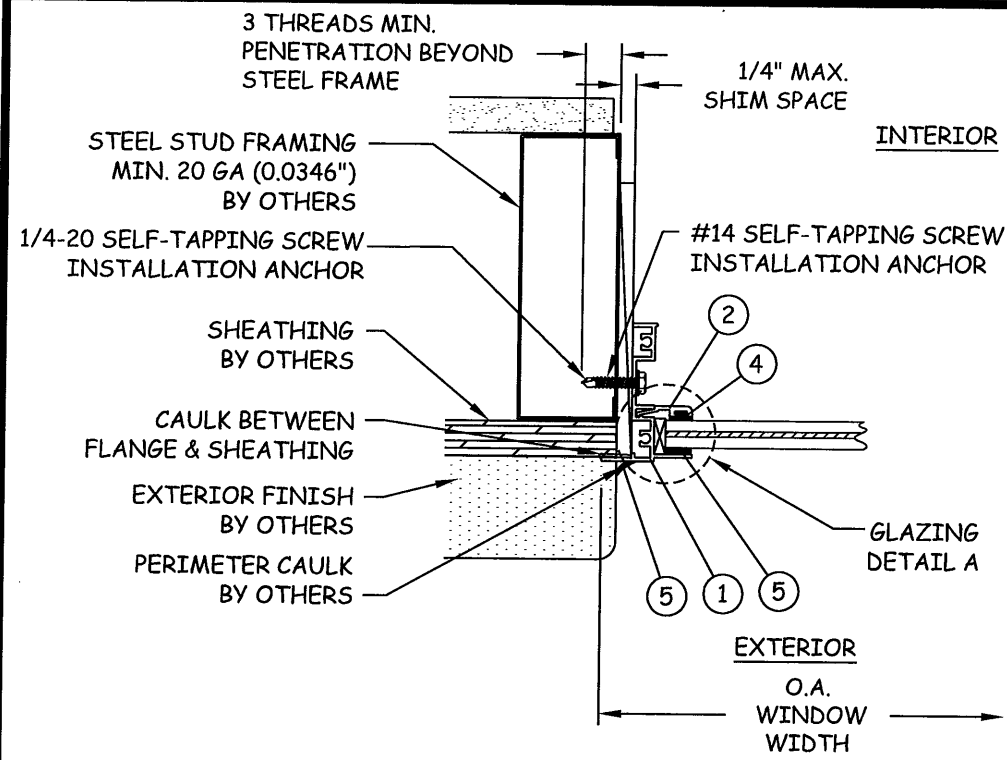
## REVISIONS

NO.	DESCRIPTION	BY	DATE
A	GENERAL COMMENTS	KMH	03.09.10
B	FBC 2010 CODE CHANGE	JLA	07.25.12

*[Signature]*  
8-21-2012  
HERNAN F. ROBERTO, P.E.  
FLORIDA P.E. NO. 73776  
398 EAST DANIA BEACH BLVD. #338  
DANIA BEACH, FL 33004  
FBPE CERT. OF AUTHORIZATION NO. 29578

DATE: 07.25.12  
DWN BY: JLA  
CHK BY: HFN  
SCALE: NTS

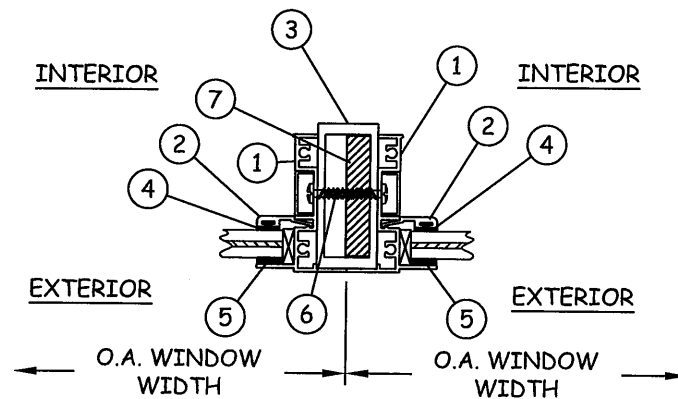
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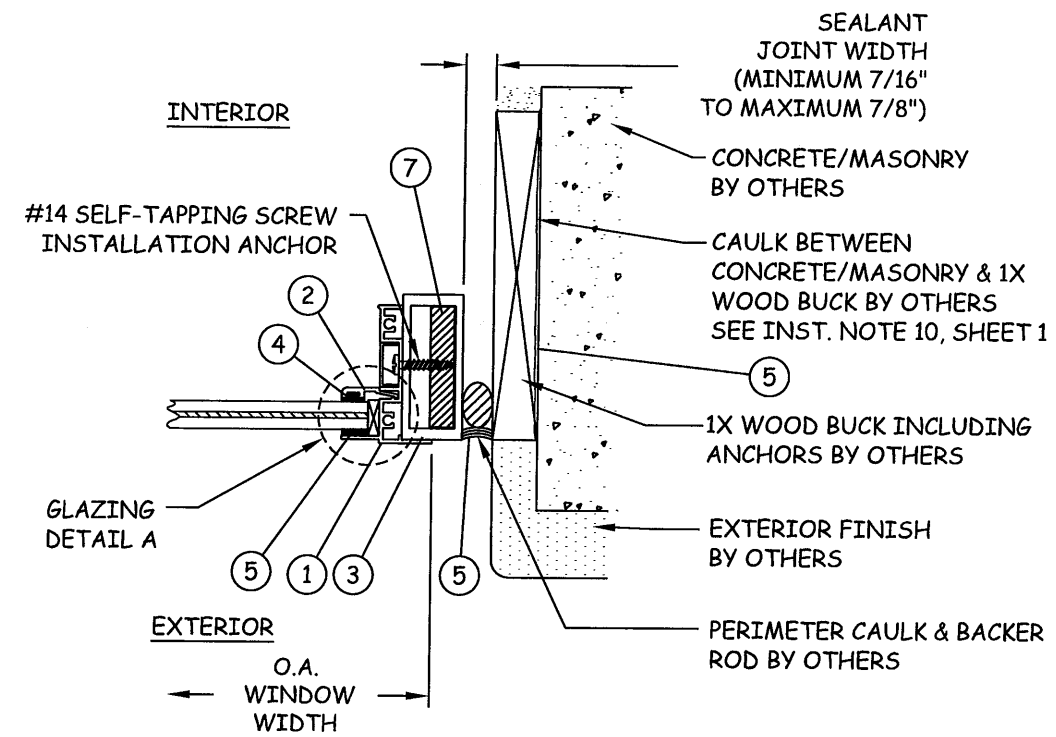
**G5** **HORIZONTAL SECTION**  
JAMB - STEEL STUD FRAME

## NOTES:

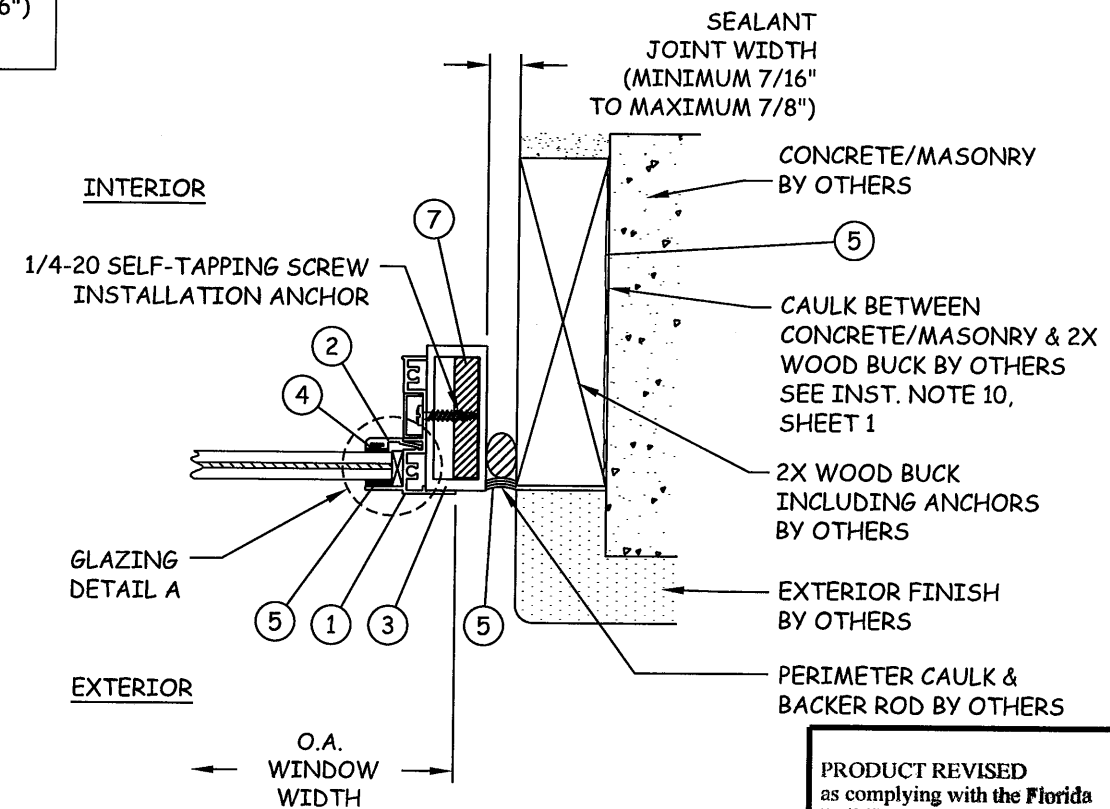
1. BACKER ROD DIAMETER EQUALS SEAL WIDTH X 120%
2. SEALANT DEPTH IS 7/16" (-0", +1/16") FOR SEALANT WIDTH UP TO 7/8"



**E5** **HORIZONTAL SECTION**  
VERTICAL REINFORCED MULLION



**H5** **HORIZONTAL SECTION**  
FREE FLOATING REINFORCED JAMB



**J5** **HORIZONTAL SECTION**  
FREE FLOATING REINFORCED JAMB

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 12-0824.05  
Expiration Date April 17, 2015  
By *Mamuel Perez*  
Miami Dade Product Control



325 W. 74TH PLACE  
HIALEAH, FL 33014  
PH: (305) 231-1101 FX: (305) 231-1103

TITLE: SERIES 5500 ALUM.  
FIXED WINDOW  
HORIZONTAL SECTIONS

PREPARED BY:  
BUILDING DROPS, INC.  
398 E. DANIA BEACH BLVD. #338  
DANIA BEACH, FL 33004  
PH: 954.399.8478 FX: 954.744.4738

## REVISIONS

NO.	DESCRIPTION	BY	DATE
A	GENERAL COMMENTS	KMH	03.09.10
B	FBC 2010 CODE CHANGE	JLA	07.25.12

*[Signature]*  
8-21-2012  
HERMES F. NORDEN, P.E.  
FLORIDA P. E. NO. 73578  
398 EAST DANIA BEACH BLVD. #338  
DANIA BEACH, FL 33004  
FBC CERT. OF AUTHORIZATION NO. 29578

DATE: 07.25.12  
DWN BY: JLA  
CHK BY: HFN  
SCALE: NTS

DWG #: **CGS006**

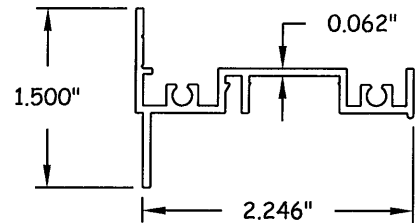
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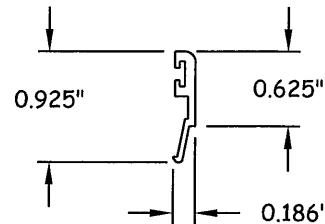


325 W. 74TH PLACE  
HIALEAH, FL 33014  
PH: (305) 231-1101 FX: (305) 231-1103

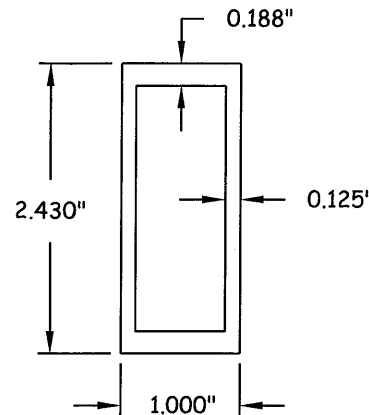
1 HEAD/SILL/JAMB 5500-01  
6063-T6  
0.062" TYP. WALL THICKNESS



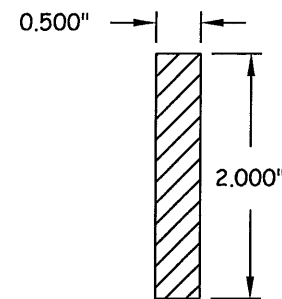
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6063-T6  
0.089" TYP. WALL THICKNESS



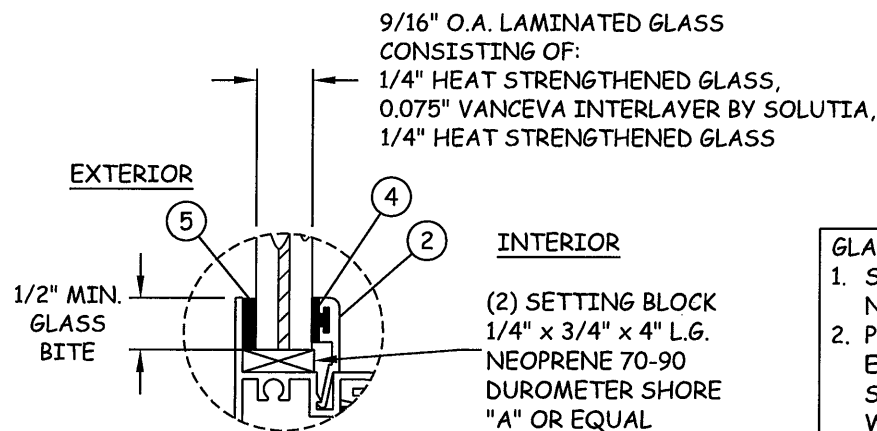
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6063-T6  
0.125" TYP. WALL THICKNESS



7 REINFORCEMENT  
6063-T6

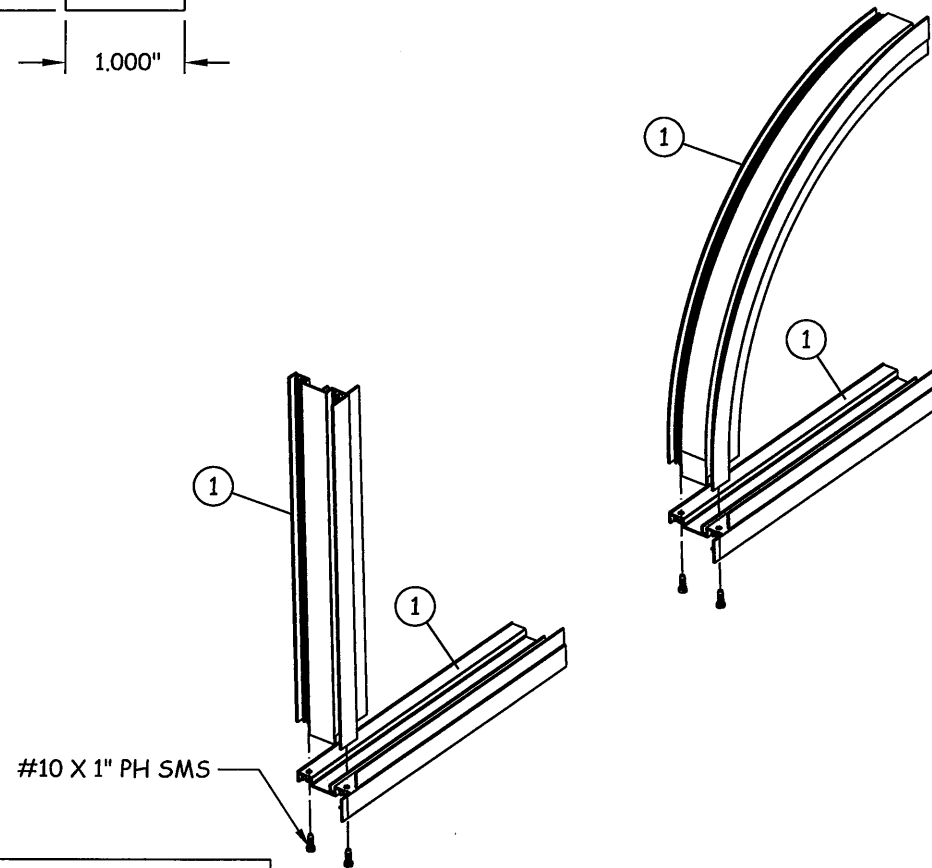


BILL OF MATERIALS				
ITEM #	PART #	DESCRIPTION	MATERIAL	MANUFACTURER
1	5500-01	HEAD/SILL/JAMB	6063-T6	CGS
2	5500-08	GLAZING BEAD	6063-T6	CGS
3	5500-10	MULLION	6063-T6	CGS
4		GLAZING SPACER	VINYL	FRANK LOWE
5		STRUCTURAL SILICONE DOW 795	SILICONE	DOW CORNING
6		#14 X 1/2" SMS	STAINLESS STEEL	
7		MULLION REINFORCEMENT	6063-T6	CGS



GLAZING DETAIL A

- GLAZING NOTES:
1. SOLUTIA VANCEVA INTERLAYER APPROVED UNDER SEPARATE NOA & MEETS FBC 2010 REQUIREMENTS.
  2. PER SECTION 2411.3.3.1 OF THE 2010 FBC ALL GLASS LITES EXCEEDING 36" IN WIDTH SHALL USE MIN. TWO (2) APPROVED SETTING BLOCKS. SETTING BLOCKS SHALL BE NEOPRENE WITH A SHORE "A" DUROMETER HARDNESS OF 70-90 OR APPROVED EQUAL.



CORNER DETAILS

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 12-0824.05  
Expiration Date April 7, 2015  
By *Mauricio Perez*  
Miami Dade Product Control

TITLE: SERIES 5500 ALUM.  
FIXED WINDOW  
COMPONENTS, GLAZING  
DETAIL & BILL OF MATERIALS  
PREPARED BY:  
BUILDING DROPS, INC.  
398 E. DANIA BEACH BLVD. #338  
DANIA BEACH, FL 33004  
PH: 954.399.8478 FX: 954.744.4738

REVISIONS		BY	DATE
NO.	DESCRIPTION		
A	GENERAL COMMENTS	KMH	03.09.10
B	FBC 2010 CODE CHANGE	JLA	07.25.12

*[Signature]*  
8-21-2012  
HERMES F. NOGUEIRA, P.E.  
FLORIDA P. E. NO. 73776  
398 EAST DANIA BEACH BLVD. #338  
DANIA BEACH, FL 33004  
FBPE CERT. OF AUTHORIZATION NO. 29578

DATE: 07.25.12  
DWN BY: JLA  
CHK BY: HFN  
SCALE: NTS  
DWG #: CGS006  
SHEET: 6 OF 6